

WHAT IS CLAIMED IS:

1. A method for designing reflection stripes of an acoustic touch screen, wherein said acoustic touch screen has at least one reflection stripe, and each reflection stripe has a plurality of reflection bars, said method comprises the steps of:

- 5       dividing each reflection stripe of an acoustic touch screen into a plurality of groups according to an integral times wavelength of an acoustic ;
- according to the distance between said reflection bars increasing principle, increasing the distance between said reflection bars from rear to front; and
- according to a condition of the transmission loss of a glass surface, cutting the
- 10       border of said reflection bars in one group with different length.

2. A method for designing reflection stripes of an acoustic touch screen as claimed in claim 1, wherein said integral times wavelength is 50 to 60 times wavelength preferably.

3. A method for designing reflection stripes of an acoustic touch screen as
- 15       claimed in claim 1, wherein said cutting the border of said reflection bars in one group with different length is a ladder-shaped border cutting preferably.

4. A method for designing reflection stripes of an acoustic touch screen as claimed in claim 3, wherein the amount of said cutting the border of said reflection bars in one group with different length is about 10%~40% preferably.

- 20       5. A method for designing reflection stripes of an acoustic touch screen as claimed in claim 3, wherein said cutting ratio of said ladder-shaped border cutting is about 0.6~0.9.

6. A method for designing reflection stripes of an acoustic touch screen as claimed in claim 5, wherein the definition of said cutting ratio of said ladder-shaped

25       border cutting is the density of said glass dividing the loss of said glass.